PARTS LIST

ESTES

A SUBSIDIARY OF DAMON

ROCKET DESIGNERS PLAN SHEET

NOTES

NAME OF ROCKET

SCALE

DRAWN BY

DATE

ESTES®

A SUBSIDIARY OF DAMON

Model Rocket FLIGHT DATA SHEET

PUBLISHED AS A SERVICE TO ITS CUSTOMERS BY ESTES INDUSTRIES, PENROSE, COLORADO 81240

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NAME

ADDRESS

CITY STATE

ZIP

USE ONE FLIGHT DATA SHEET FOR EACH MODEL
FOUR FLIGHTS MAY BE RECORDED ON EACH SHEET

PREFLIGHT INFORMATION

Rocket Name	Nose Cone Type
Rocket Number	Fin Type
Date Completed	No. of Fins
Type of Rocket	Color Scheme
No. of Stages	Weight Empty

COUNTDOWN CHECKLIST

Parachute or Streamer

Flight #1 Flight #2 Flight #3 Flight #4

- ☐☐☐☐ 12) Pack flameproof recovery wadding into the body tube. Insert the parachute or streamer.
- ☐☐☐☐ 11) Install the nose cone or payload section. Check condition of the payload (if any).
- ☐☐☐☐ 10) Apply masking tape to the engine(s) to achieve a tight friction fit in the body tube(s). When launching a multi-stage rocket be sure that the engines are in their proper relative positions and that a layer of cellophane tape is wrapped tightly around each engine joint.
- ☐☐☐☐ 9) Install an igniter in the engine.
- ☐☐☐☐ 8) Place the rocket on the launcher. Clean and attach the micro-clips.
- ☐☐☐☐ 7) Clear the area, check for low flying aircraft, alert recovery crew and trackers.
- ☐☐☐☐ 6) Arm the launch panel.
- ☐☐☐☐ 5)
- ☐☐☐☐ 4)
- ☐☐☐☐ 3)
- ☐☐☐☐ 2)
- ☐☐☐☐ 1)
- ☐☐☐☐ LAUNCH!

Feather-weight or Tumble

Flight #1 Flight #2 Flight #3 Flight #4

- ☐☐☐☐ 10) Fit the engine in the body tube carefully so that the recovery system will function properly.
- ☐☐☐☐ 9) Install an igniter in the engine.
- ☐☐☐☐ 8) Place the rocket on the launcher. Clean and attach the micro-clips.
- ☐☐☐☐ 7) Clear the area, check for low flying aircraft, alert recovery crew and trackers.
- ☐☐☐☐ 6) Arm the launch panel.
- ☐☐☐☐ 5)
- ☐☐☐☐ 4)
- ☐☐☐☐ 3)
- ☐☐☐☐ 2)
- ☐☐☐☐ 1)
- ☐☐☐☐ LAUNCH!

Boost-Glide

Flight #1 Flight #2 Flight #3 Flight #4

- ☐☐☐☐ 12) Check payload section (if used) and slide it into position.
- ☐☐☐☐ 11) Set trim adjustments for desired flight path and for existing weather conditions.
- ☐☐☐☐ 10) Check engine for proper fit in body tube.
- ☐☐☐☐ 9) Install an igniter in the engine.
- ☐☐☐☐ 8) Place the rocket on the launcher. Clean and attach the micro-clips.
- ☐☐☐☐ 7) Clear the area, check for low flying aircraft, alert recovery crew and trackers.
- ☐☐☐☐ 6) Arm the launch panel.
- ☐☐☐☐ 5)
- ☐☐☐☐ 4)
- ☐☐☐☐ 3)
- ☐☐☐☐ 2)
- ☐☐☐☐ 1)
- ☐☐☐☐ LAUNCH!

LAUNCH

Flight Number		Flight #1	Flight #2	Flight #3	Flight #4
Date of Launch					
Launch Location					
Payload	Description				
	Weight				
Recovery System	Type				
	Color				
Engines	1st Stage	/	/	/	/
No. of / Type	2nd Stage	/	/	/	/
	3rd Stage	/	/	/	/
Total Weight					
Method of Launch					
Launch Angle					
Predicted Altitude					

WEATHER

Wind Direction				
Wind Velocity				
Humidity				
Temperature				
Visibility				
Remarks				

FLIGHT DATA

Altitude	Estimated				
	Tracking Information				
	Computed Alt.				
Flight Duration					
Stability Information					
Flight Performance					